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By: 

15619/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of)	
)	Examiner: O. Zaghmout
Yamamoto, <i>et al.</i>)	
)	Art Unit: 1649
Serial No.: 09/075,375)	
)	
Filed: May 7, 1998)	
)	RESPONSE UNDER
For: PLANT VDE GENES AND)	<u>37 CFR § 1.111</u>
<u>METHODS RELATED THERETO</u>)	

Honorable Commissioner of
Patents and Trademarks
Washington, DC 20231

Dear Sir:

Applicants submit the following supplemental Amendments and Remarks in an effort to put the above application into better condition for allowance.

IN THE CLAIMS

Please amend the claims as follows:

Sub D²

3. (Twice Amended) An isolated [A] DNA sequence encoding a plant violaxanthin de-epoxidase [VDE] protein joined to a heterologous promoter [nucleic acid] sequence, wherein said violaxanthin de-epoxidase [VDE] protein has a molecular weight of approximately 43 kilodaltons, and wherein said violaxanthin de-epoxidase [VDE] protein is recognized by a polyclonal antibody prepared against a peptide comprising the amino acid sequence VDALKTCACLLK.